# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 00:00 on Saturday 07 Jan 2023 until 23:59 on Sunday 08 Jan 2023

Forecast Issued on Friday 06 Jan 2023 at 11:44

**Confidence:** Milder air and rain on Saturday is soon replaced by a showery, westerly with some summit sleet and snow. Then remaining colder until midweek when further mild air and rain returns. Often very windy on the fells with gales and little chance of a completely dry day in this period. Lower confidence in the details of amounts of showers and timing of heaviest rain.

**Headline for Saturday 07 Jan 2023:** A wet start but becoming drier and brighter for a time before further blustery showers, southwesterly gales later.

**Mountain weather hazards on Saturday 07 Jan 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>High Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

**Weather and chance of precipitation at 800m**

| Time | | | | | | | |
|---|---|---|---|---|---|---|---|
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Heavy Rain | Heavy Rain | Heavy Rain | Light rain | Cloudy | Sleet showers | Cloudy | Sleet showers (night) |
| Precipitation probability | | | | | | | |
| 80% | 80% | 80% | 50% | 20% | 40% | 30% | 50% |

**Forecast for Saturday 07 Jan 2023**

**Weather:** Rain overnight will be heavy at times but begin to clear through after daylight breaks, with some drier spells by late morning, perhaps a little later for the eastern fells. Winds will gradually ease as the rain clears but still fresh or strong and strengthening again during the evening with summit gales or severe gales later. Some bright or sunny spells through the lunchtime period but a few showers developing and they may turn wintry above 700m during the afternoon and evening, some drier periods can be expected too.

**Chance of cloud-free hill tops above 800m:** 40% early in the day, improving to 70% in the afternoon as rainband clears east but showers may reduce the chance in the afternoon.

**Low cloud and visibility:** Broken or overcast layers of low cloud above 400m in the morning, especially in the south, around more northern fells cloud may be more scattered and with a slightly higher base around 500m. Visibility will be moderate or poor at times in rain during the morning but soon improving good by late morning. By lunchtime low cloud will thin and bases will lift above the summits. Visibility will dip poor again in showers especially if they are wintry on the summits but this will be temporary.

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# Met Office Mountain Weather Forecast

**Forecast for Saturday 07 Jan 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 50/63 S | 47/59 S | 27/36 S | 21/29 SW | 27/36 S | 35/48 S | 38/51 S | 42/58 S | 42/59 S |
| **600** | 39/53 S | 37/51 S | 21/30 SW | 17/25 SW | 22/32 S | 28/42 S | 31/46 S | 34/52 S | 36/54 S |
| **300** | 14/42 S | 15/41 S | 9/25 SW | 9/21 SW | 9/25 S | 13/35 S | 14/37 S | 17/42 S | 18/42 S |
| **Valley** | 15/40 S | 15/38 S | 9/22 SW | 9/18 S | 11/23 S | 15/32 S | 18/37 S | 21/42 S | 21/41 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 5/-3 | 5/-2 | 4/-2 | 3/-3 | 2/-4 | 1/-7 | -0/-9 | 0/-8 | 1/-8 |
| **600** | 6/0 | 6/0 | 6/0 | 5/0 | 4/-1 | 3/-3 | 2/-5 | 2/-5 | 3/-4 |
| **300** | 8/5 | 8/5 | 7/5 | 6/4 | 6/3 | 6/2 | 4/-0 | 5/0 | 5/0 |
| **Valley** | 10/7 | 10/7 | 9/7 | 8/6 | 8/6 | 8/5 | 7/3 | 8/3 | 8/4 |
| **Freezing Level*** | 1800m | 1900m | 1500m | 1300m | 1100m | 1100m | 900m | 1100m | 1100m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Severe gales on the higher fells early in the day and later, otherwise widespread gales. Notice the significant windchill later as freezing level dips towards summits later.

**Forecast for Sunday 08 Jan 2023**

**Weather:** Showers or outbreaks of rain in the morning driven in on fresh or strong southwesterly winds, summit gales. Some dry and bright weather too and likely to be less showers during the afternoon, although possibly quite frequent again during the evening. Showers may be sleety on the highest summits like Scafell Pike.

**Maximum wind:** Southwesterly 20-30mph with gusts 35-40mph.

**Chance of cloud-free hill tops above 800m:** 60%, low cloud thickening in association with showers.

**Low cloud and visibility:** Scattered low cloud layers above 600m especially in the south around showers, some gaps in the cloud developing in brighter spells and some nice views possible but visibility turning quite poor if showers clump together or turn wintry on summits.

**Temperature:** **Valleys:** Plus 8 Celsius.
**At 800m:** Plus 2 falling to Zero Celsius.
**Freezing level:** 1000m falling to 800m

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# Mountain Weather Forecast

**Ground Conditions Supplement**

Date: Friday 6 January .Location: Helvellyn summit at 11:35 Full report:The thaw continues albeit at a far slower pace owing to both the altitude and scarcity of the remaining snow. The vast majority of the Lakeland fells and paths are now clear from snow and ice. The snow that remains lies above 850m, with the majority above 900m (ie only on the highest summits) in sheltered spots and hollows and particularly on steep north and east facing aspects. As such, there is no unavoidable snow on paths with the only exception being a steep bank of unavoidable snow on Swirral Edge's exit. This was softer than yesterday with steps cut into it; however it would only take a marginal drop in temperature for it to harden again so, although only a short section, an ice axe and or microspikes are recommended for anyone tackling this route as it is not a place to slip. Conversely, Striding Edge is snow free and even consisted of dry rock this morning which was an extremely welcome change! There are still some cornices above steep N & E facing aspects – such as along Helvellyn's summit plateau. Although they have significantly reduced in size they now consist of soft snow so are extremely unstable; therefore please keep off any such snow covered edges and advise those with less experience to do likewise. Despite the milder temperatures, the summit windchill (what the temperature actually feels like) was minus 7 degrees C at midday, so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment including torch, map and compass and the ability to use them in potentially poor visibility such as low cloud are all essential to safely enjoy the fells. Temperature: plus 1.3 C Maximum wind speed 33.9mph Wind chill: minus 7.5 C Average wind speed: 25.7 mph

Issued at: 1144 on Fri 06 Jan 2023

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